

Attorney Docket No.: 6161.200-US
USSN: 09/867,277
Filed: May 29, 2001
Inventor: Lars Peter Klitnase
Via Fax No.: 703-872-9306

IN THE CLAIMS:

1-45 (Cancelled)

46. (Currently Amended) A hand-held medical apparatus for assisting in the medical self-treatment of a user, the apparatus comprising:

- a basis module comprising a processor and power source;
- a first replaceable module that is mechanically and electronically interfaceable with the basis module;

- a second replaceable module that is mechanically and electronically interfaceable with the basis module;

wherein, the basis module comprises a user input means, a display means and wherein the processor of the basis module sends commands to the replaceable modules and receives output from the replaceable module and displays that output, and wherein the first and second replaceable modules require processing resources from the basis module in order to assist the user in medical self-treatment;.

wherein the basis module comprises a medication injection device comprising:

- a holder for holding a cartridge of medication, the cartridge being of the type having a moveable piston;

- a piston rod for engaging the piston in the cartridge and for driving a dose from the cartridge by moving the piston a predetermined distance;

- an electromechanical piston rod drive;

- and wherein the processor is configured to control the piston rod drive.

47. (Cancelled).

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48. (Currently Amended) A hand-held medical apparatus according to claim 46, wherein the processor is configured to perform a plurality of operations but limits access to some of the operations based on user identification.

49. (Currently Amended) A hand-held medical apparatus for assisting in medical self treatment, the apparatus comprising:

a basis module that comprises:

an injection device having a processor, an electromechanical piston rod drive controlled by the processor and a cartridge of medication that a piston rod acts upon;

a first replaceable module that is mechanically and electronically interfaceable with the basis module;

a second replaceable module that is mechanically and electronically interfaceable with the basis module; and

wherein, the basis module comprises a user input, and a display wherein the processor of the basis module sends commands to the replaceable modules and receives output from the replaceable modules and displays that output, and wherein the first and second replaceable modules require processing resources from the basis module in order to assist the user in medical self-treatment.